



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D350-636-011
Job Sheet 180084



Part No: D350-636-011

Job Qty: 1 ea

Part Name: Skidtube LH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float Comp.



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/28/18

Job Tracking No:

Due Date: 7/26/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: D2750-041 REV G SHEETS 1,2,4,8 IPP Rev:I 02.09.25 IPP Rev:J 06-03-23 As per Rev D IPP Rev:K 06-07.13
As per dsi9343 IPP Rev:L 07-07-28 Added SS Wearplates(Rev E) JLM Ver:EC IPP Rev:M 08-04-22 DD
verified:EC IPP Rev:N 08-09-23 revF DD verified:ec IPP Rev:O 09-02-06 per PAR09-010 DD ver:EC IPP
Rev:P 10.06.22 revise seq110 DD ver:EC IPP Rev:Q 10.10.01 as per IIN revH DDver:EC IPP REV:R
13.08.27 PER ECN13-594 DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	7/26/18	7/26/18	0.00	0.00	Start Up Skidtubes-1		M/L
110	Skidtubes	1 pcs	7/26/18	7/26/18	0.00	4.55	Skidtubes-4		M/L BE, JY
120	QC	1 pcs	7/26/18	7/26/18	0.00	0.00	QC10		38 DAS
130	QC	1 pcs	7/26/18	7/26/18	0.00	0.00	QC5		9-89 38
140	HandFinish	1 pcs	7/26/18	7/26/18	0.00	0.93	HandFinish1		D.R. 12-08-15
150	QC	1 pcs	7/26/18	7/26/18	0.00	0.00	QC7-2		M/L
160	Skidtubes	1 pcs	7/26/18	7/26/18	0.00	4.55	Skidtubes-4		J.Y. BE D
170	QC	1 pcs	7/26/18	7/26/18	0.00	0.00	QC10		38 DAS
180	QC	1 pcs	7/26/18	7/26/18	0.00	0.00	QC5		9-89 38
190	HandFinish	1 pcs	7/26/18	7/26/18	0.00	0.93	HandFinish2		D.R. 18/09/10
200	SprayPaint	1 pcs	7/26/18	7/26/18	0.00	0.91	Spray Paint		
205	Outsource	1 pcs	7/26/18	7/26/18			ATE003-VC	SEP 12 2018	P/O: 409 DAS
210	QC	1 pcs	7/26/18	7/26/18	0.00	0.00	QC14		SEP 13 2018 68
230	HandFinish	1 pcs	7/26/18	7/26/18	0.00	0.93	HandFinish4		M/L 9-89 38
240	QC	1 pcs	7/26/18	7/26/18	0.00	0.00	QC5		SEP 17 2018 68
250	Packaging	1 pcs	7/26/18	7/26/18	0.00	0.00	Packaging1-3		SEP 18 2018 89
260	QC	1 pcs	7/26/18	7/26/18	0.00	0.00	QC4		BB 69 DAS 9-89 38
270	Packaging	1 pcs	7/26/18	7/26/18	0.00	0.00	Packaging3-1		BB 69 DAS 9-89 38
275	DC	1 pcs	7/26/18	7/26/18	0.00	0.00	DC		21 DAS SEP 10 2018
280	QC21-FG	1 Ea	7/26/18	7/26/18	0.00	0.00	QC21		21 DAS SEP 10 2018

Part Op 110 - 1- Pick D2600-3 Bent 2- Deburr FWD and AFT ends, remove bending marks. Scribe batch# inside AFT end per dwg
Descriptions: D2750-1 3- Drill pilot holes for blade fitting bolt holes using DT8983. Start with 3/16", then open to 0.500" using center drill then ream holes using 0.500" reamer. PIN first side. Repeat process on second side. ***ENSURE PROPER POSITIONING FWD BEND MUST BE FACING UP WHEN DRILLING FIRST SIDE*** Drill pilot holes as per Dwg D2750 sheet 4 (D2750-1 details). Drill using drill Jig DT8150 & DT8863A for 2nd side only DT8863B for first side (detail B) 4- Locate DT8330 off of blade fitting bolt holes and drill pilot holes for blade fitting. Open to 0.500" using hole saw. VERIFY AND RECORD FWD BEND ANGLE. 5-Drill pilot holes for wearplates as per Dwg D2750 using DT8108 open to 0.297". 6-Open up holes of Detail A to 0.297" (total of 2 holes per side) 7-Weld D2744 Cap as per Dwg D2750 and QSI 004. Fill grooves in bend left from bending as per QSI 004 A/R Aluminum Rod batch: BB837 8-Grind welds flush as per Dwg D2750
160 - 1-Open up holes using hole saw of Detail C and ground handling to 0.625" (total of 8 holes per side) as per dwg D2750. 2-Open up holes using hole saw of Detail B to 0.750" (total of 4 holes per side) as per dwg D2750. 3- Open float

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____ De _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐	MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval
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Container No: S100693
 Part: D350 - 636 - 011
 Job No: 180084
 Serial No/Batch: S1006
 Revision:
 Inspector:
 Exp Date:
 Instructions: TC STC SH99-7

Root	Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
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OTHER : _____

hole using un-bit to 0.500" (4 per side) 4-Chamfer holes of Detail B, C, ground handling and float holes per dwg D2750 (welding instructions on sheet 8) 5-Debur and blow out all chips from inside of tube 6- Prepare tube for welding, remove alodine as required. 7-Bond web D2739 in place as per QSI 015, let cure for 12hrs. A/R Sikaflex-291 batch: exp. date: ***ATTN: USE I-BEAM LOCATION AID (BLADE FITTING)*** 8- Weld spacers D3490-1, D3490-3 and D2743 as per dwg D2750 & QSI004 (welding instructions on sheet 8) A/R Aluminum Rod batch: 138834 9- At section AJ-AJ drill out x-bolt spacer to 0.404" 10-Grind welds flush as per Dwg D2750 11-Spot face ground handling holes section (total of 4 places per side) as per dwg D2750 12-Debur holes, ensure tube is free of all scratches before sending to paint.

180 - ***VERIFY C'BOARD IS GOOD***

190 - Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch.

200 - 1- PRIME AS PER DWG AND QSI 005 4.2 PRIMER PRC DESOTO 515X349 BATCH: 2-

PAINT WHITE AS PER DWG AND QSI 005 4.2 PAINT BATCH:

210 - Inspect for foreign object per QSI 024

230 - 1- Install inserts as per Dwg D2750 2-Inspect for Foreign Objects 3- Install blade fitting D3488-041, wearshoes and ground handling hardware as per dwg D2750 SIKAFLEX 241 BATCH: 4-

Assemble o-ring to plug as per dwg D3492 and apply o-ring lube A/R 55-o-ring lube batch: 5- Coat all exposed fasteners with "LPS Procyon" batch:

260 - *****ensure antiseize is on AN8C21A bolts*****

270 - Package as per PPP D350-636-011 Location : FG072

275 - record fwd angle: Photocopy blue file and type labels per PPP D350-636-011 CHG 007

Job BOM

005476

Part / Item	Component Name	Quantity	Operation	Container
D2600-3-BENT-LH	Extrusion Bent LH	1 Ea (1 ea)	90-Start up Operation	5082073
D2744	Cap	1 Ea (1 ea)	110-Skidtubes	5060499
D2739	350 I-Beam	1 Ea (1 ea)	160-Skidtubes	5080943
D2743	Crossbolt Spacer	8 Ea (8 ea)	160-Skidtubes	5090612
D3490-1	Cross Bolt Spacer	4 Ea (4 ea)	160-Skidtubes	5082748
D3490-3	Cross Bolt Spacer	4 Ea (4 ea)	160-Skidtubes	5082950
AN3C5A	Bolt	34 Ea (34 ea)	230-HandFinish	5095214
AN3C6A	Bolt	4 Ea (4 ea)	230-HandFinish	5076000
AN6C44A	Bolt	4 Ea (4 ea)	230-HandFinish	5006333
AN8C35A	Bolt	1 Ea (1 ea)	230-HandFinish	5103997
D2745	Bushing	8 Ea (8 ea)	230-HandFinish	5091818
D3488-041	Blade Fitting LH	1 Ea (1 ea)	230-HandFinish	5092787
D3492-1	Plug	8 Ea (8 ea)	230-HandFinish	5090814
D3492-3	Plug	8 Ea (8 ea)	230-HandFinish	5091848
D3535-25	Wearplate Center	1 Ea (1 ea)	230-HandFinish	5082036
D3536-25	Gasket Center	1 Ea (1 ea)	230-HandFinish	5099641
D3537-1	Wearpad	3 Ea (3 ea)	230-HandFinish	5083401
D3631-1	Washer	8 Ea (8 ea)	230-HandFinish	5058407
D3791-1	Wearpad	1 Ea (1 ea)	230-HandFinish	5081690
D3793-1	Wearplate Fwd	1 Ea (1 ea)	230-HandFinish	5098197
D3793-3	Wearplate Aft	1 Ea (1 ea)	230-HandFinish	5089463
D3794-1	Gasket Fwd	1 Ea (1 ea)	230-HandFinish	5071975
D3794-3	Gasket Aft	1 Ea (1 ea)	230-HandFinish	5081738
MS21043-6	Nut	4 Ea (4 ea)	230-HandFinish	5058146
MS21083C8	Nut	1 Ea (1 ea)	230-HandFinish	5090633
NAS1149C0332R	Washer	38 Ea (38 ea)	230-HandFinish	5071663
NAS1149C0832R	Washer	1 Ea (1 ea)	230-HandFinish	5076017-2
NAS1515H3L	Washer	4 Ea (4 ea)	230-HandFinish	5083559
NAS1611-010	O-Ring	8 Ea (8 ea)	230-HandFinish	5092499
NAS1611-013	O-Ring	8 Ea (8 ea)	230-HandFinish	5057659
ALS4-1032-225	Rivnut	38 Ea (38 ea)	230-HandFinish	5058138
AN8C21A	Bolt	2 Ea (2 ea)	250-Packaging	5106744
D2741	Replacement Blade	1 Ea (1 ea)	250-Packaging	5082286
D3493-1	Washer	2 Ea (2 ea)	250-Packaging	5095455
D3532-1	Spacer	2 Ea (2 ea)	250-Packaging	5090421
MS21083C8	Nut	2 Ea (2 ea)	250-Packaging	5050046
NAS1149D0863J	Washer	2 Ea (2 ea)	250-Packaging	5089248

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D2600-3-BENT-LH	1	16	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

110-Skidtubes	D2744	1	60	0
160-Skidtubes	D2739	1	37	0
	D2743	8	87	0
	D3490-1	4	203	0
	D3490-3	4	130	0
230-HandFinish	ALS4-1032-225	38	4,225	0
	AN3C5A	34	2,032	0
	AN3C6A	4	392	0
	AN6C44A	4	283	0
	AN8C35A	1	46	0
	D2745	8	85	0
	D3488-041	1	7	0
	D3492-1	8	248	0
	D3492-3	8	79	0
	D3535-25	1	43	0
	D3536-25	1	41	0
	D3537-1	3	209	0
	D3631-1	8	803	0
	D3791-1	1	37	0
	D3793-1	1	11	0
	D3793-3	1	11	0
	D3794-1	1	37	0
	D3794-3	1	43	0
	MS21043-6	4	244	0
	MS21083C8	1	133	0
	NAS1149C0332R	38	5,112	0
	NAS1149C0832R	1	438	0
	NAS1515H3L	4	635	0
	NAS1611-010	8	429	0
	NAS1611-013	8	1,325	0
250-Packaging	AN8C21A	2	106	0
	D2741	1	115	0
	D3493-1	2	27	0
	D3532-1	2	10	0
	MS21083C8	2	133	0
	NAS1149D0863J	2	77	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

QTY -041	QTY -042	QTY -043	QTY -044	PART NUMBER	DESCRIPTION
X				D2750-041	350 SKIDTUBE ASSEMBLY, LH
	X			D2750-042	350 SKIDTUBE ASSEMBLY, RH
		X		D2750-043	350 SKIDTUBE ASSEMBLY, LH
			X	D2750-044	350 SKIDTUBE ASSEMBLY, RH
1	1	1	1	D2739	WEB
8	8	8	8	D2743	SPACER
1	1	1	1	D2744	CAP
8	8	8	8	D2745	BUSHING
1				D2750-1	SKIDTUBE WELDMENT, LH
	1			D2750-2	SKIDTUBE WELDMENT, RH
		1		D2750-3	SKIDTUBE WELDMENT, LH
			1	D2750-4	SKIDTUBE WELDMENT, RH
1		1		D3488-041	BLADE FITTING, LH
	1		1	D3488-042	BLADE FITTING, RH
4	4	4	4	D3490-1	SPACER
4	4			D3490-3	SPACER
		4	4	D3490-5	SPACER
8	8	8	8	D3492-041	PLUG ASSEMBLY
8	8			D3492-043	PLUG ASSEMBLY
		8	8	D3492-045	PLUG ASSEMBLY
1	1	1	1	D3535-25	WEARSHOE
1	1	1	1	D3536-25	GASKET
3	3	3	3	D3537-1	WEARPAD
8	8	8	8	D3631-1	WASHER
1	1	1	1	D3791-1	WEARPLATE
1	1	1	1	D3793-1	WEARSHOE
1	1	1	1	D3793-3	WEARSHOE
1	1	1	1	D3794-1	GASKET
1	1	1	1	D3794-3	GASKET
38	38	38	38	ALS4-1032-225	INSERT (OR ALS7-1032-225, AKS4-1032-225, AELS-1032-225)
34	34	34	34	AN3C5A	BOLT
4	4	4	4	AN3C6A	BOLT
4	4	4	4	AN6C44A	BOLT
1	1	1	1	AN8C35A	BOLT
38	38	38	38	AN960C10L	WASHER
1	1	1	1	AN960C816L	WASHER
4	4	4	4	MS21043-6	NUT
1	1	1	1	MS21083C8	NUT
4	4	4	4	NAS1515H3L	WASHER

GENERAL NOTES:

- MATERIAL: MAKE D2750-1/-2/-3/-4 FROM D2600-3 EXTRUSION (INITIAL LENGTH = 120.0).
- FINISH: ACID ETCH, ALODINE ASSEMBLY PER DART QSI 005 4.1 PRIOR TO INSTALLING D2739 WEB.
 STANDARD: PRIME (REF. 4.2.1.3.3) AND PAINT WHITE PER DART QSI 005 4.2
 OPTIONAL: POWDER COAT WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3
 BLACK ANTI-SKID PAINT AS INDICATED TO 1.0 ABOVE SKIDTUBE CENTER-LINE PER DART 005 4.4 (OPTIONAL).
- TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- UNITS: INCHES UNLESS OTHERWISE NOTED
- BREAK SHARP EDGES: N/A
- IDENTIFICATION: N/A
- WEIGHT: D2750-041/-042/-043/-044 = 26.5 LBS
- WELD PER DART QSI 004
- INSTALL ALS4-1032-225 INSERTS AFTER FINISH AS INDICATED. DRILL 'F' SIZE HOLES ($\phi 0.297$) FOR WEARSHOE INSERTS
- FINAL CONFIGURATION SHOULD HAVE THE FOLLOWING MINIMUM MECHANICAL PROPERTIES:
 MINIMUM YIELD TENSILE STRENGTH = 35 KSI
 MINIMUM ULTIMATE TENSILE STRENGTH = 38 KSI
- COAT ALL EXPOSED FASTENERS WITH LPS LABORATORIES "LPS PROCYON" AFTER FINAL ASSEMBLY, CLEAN EXCESS OFF FINISH WITH MEK DEGREASER.
- SPACER AND PLUG INSTALLED SAME AS SECTION AJ-AJ EXCEPT HORIZONTAL
- SPACER AND PLUG INSTALLED SAME AS SECTION AP-AP EXCEPT HORIZONTAL

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WITHOUT NOTICE
WORK ORDER
NO. 180084 MJS
1806-29

RELEASED
2013-08-13
WD

G	CORRECTED TOLERANCE ON $\phi 0.500$ THRU HOLE: IS $+0.010/-0.000$, WAS $+0.100/-0.000$ (ZN B3-4, B2-5); ADD VIEW TO CONTROL FWD BEND ORIENTATION (ZN D-1-4/-5/-6/-7); UPDATED FINISH OPTIONS; INSIDE OF TUBE NO LONGER SPRAYED WITH LPS-3; REASON: PAR13-276 AND NCR13-2757	MB	13.07.11
F	INCORPORATE DSI 9413; QTY (3) D3537-1 WAS QTY (5) (ZN C8-1); D3791-1/-3 REPLACES D3535-13/-35 (ZN C8-1); D3794-1/-3 REPLACES D3536-13/-35 (ZN B8-1); ADD D3791-1 (ZN C8-1); WEARSHOE HOLES UNDER FWD/AFT SADDLE REMOVED (8 PL); WEARSHOE HARDWARE QTY UPDATED (ZN B8-1); D3488-041/-042 HARDWARE UPDATED (ZN C1-8, 9, 10, 11); ADD NOTE 12 AND 13 (ZN A6-1); REASON: REF. NCR 08-043	PH	08.07.16
E	CHANGE TO STAINLESS STEEL WEARPLATES; ADD RUBBER GASKETS; CHANGE INSERTS: ADD D3631-1; REMOVE QTY (38) NAS1515H3L; REMOVE QTY (10) NAS1515H8L; REMOVE D2741, QTY (2) AN960C816; REMOVE QTY (2) MS21083C8	CB	07.05.17
D	ADD HOLES AND SPACERS FOR APICAL FLOATS; INCORPORATE DEO 9133/9157	PH	06.01.05
C	ADD D2750-3/D2750-4; INCORPORATE D2738 AND D2740	CP	98.11.18
B	CHANGE MS24694-S293 TO AN8-16A	CP	98.09.01
A	NEW ISSUE	DS	98.04.16
REV.	DESCRIPTION	BY	DATE
DESIGN	MM		
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	13.07.11		

DART AEROSPACE USA, INC.

KENT, WA

DRAWING NO.

D2750

REV. G

SHEET 1 OF 11

TITLE

350 SKIDTUBE ASSEMBLY

SCALE

NTS

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DQA: _____ Date: _____

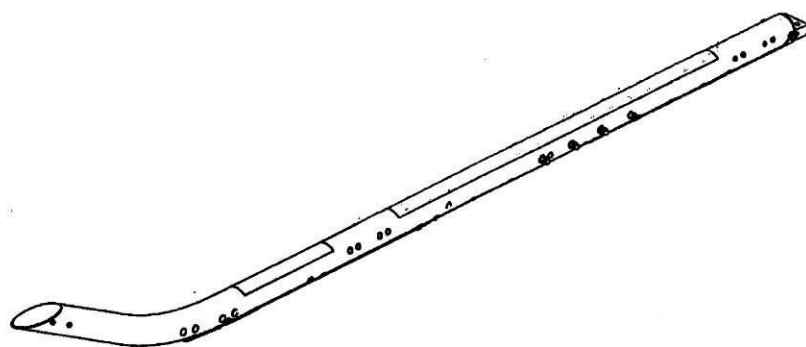


WORK ORDER NON-CONFORMANCE / UPDATE

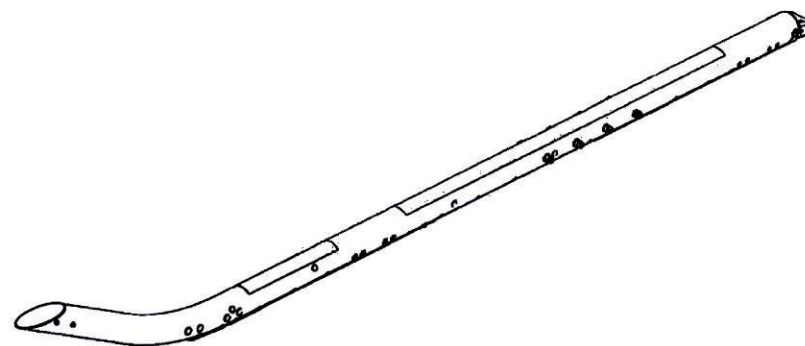
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					



D2750-041 350 SKIDTUBE ASSEMBLY, LH



D2750-042 350 SKIDTUBE ASSEMBLY, RH

RELEASED
2013-08-13
ND

DESIGN	MM	DART AEROSPACE USA, INC.	
DRAWN		KENT, WA	
CHECKED		DRAWING NO. D2750	REV. G
MFG. APPR.		SHEET 2 OF 11	
APPROVED		TITLE	SCALE
DE APPR.		350 SKIDTUBE ASSEMBLY	NTS
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DQA: _____ Date: _____



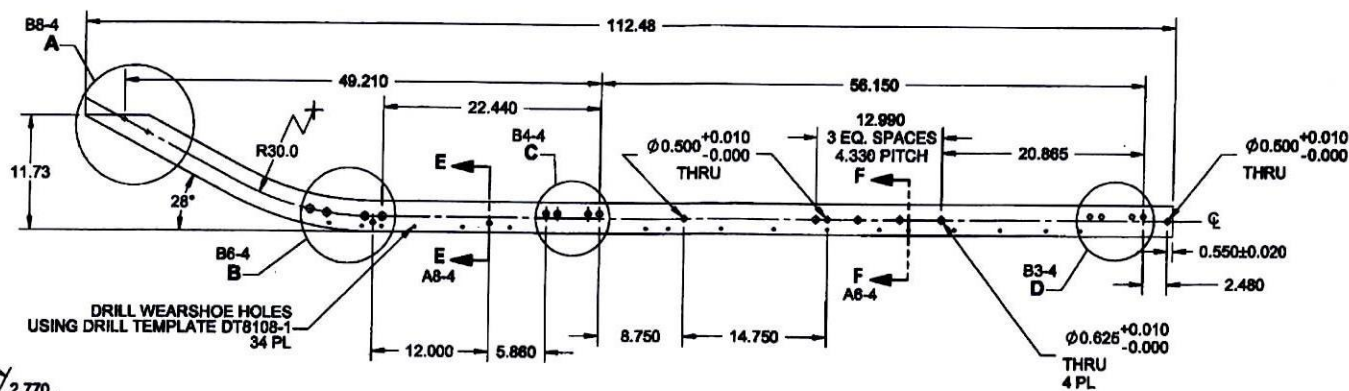
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

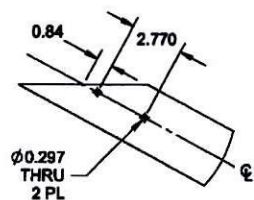
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

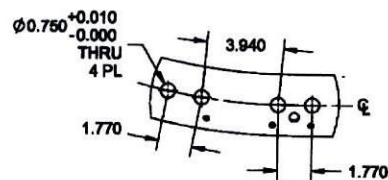
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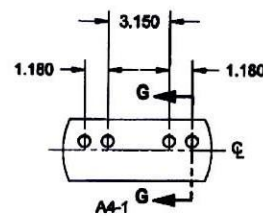
D2750-1 LH SKIDTUBE



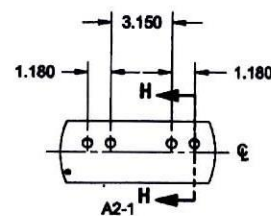
DETAIL A
SCALE 2X



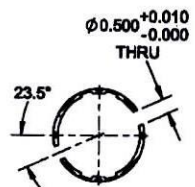
DETAIL B
SCALE 2X



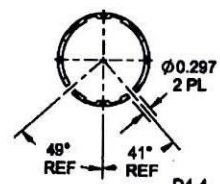
DETAIL C
SCALE 2X



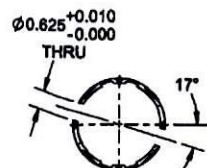
DETAIL D
SCALE 2X



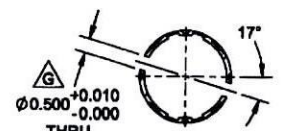
SECTION E-E
SCALE 3X, 2 PL



SECTION F-F
SCALE 3X, 17 PL



SECTION G-G
SCALE 3X, 4 PL

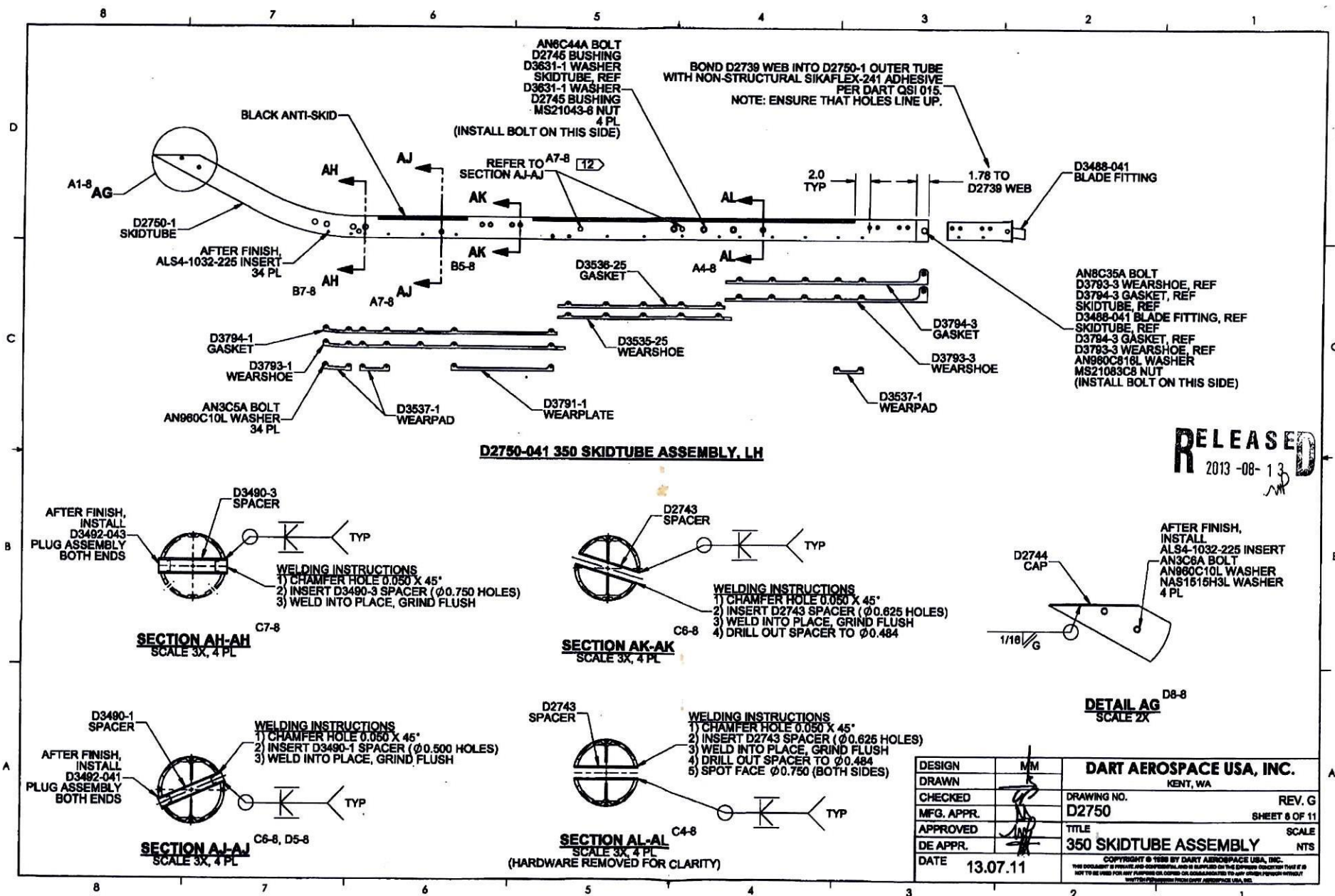


SECTION H-H
SCALE 3X, 4 PL

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2013-08-13

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MFG. APPR.		D2750	SHEET 4 OF 11
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DE APPR.		350 SKIDTUBE ASSEMBLY	NTS
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8 7 6 5 4 3 2 1



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MFG. APPR.		D2750	SHEET 6 OF 11
APPROVED		TITLE	SCALE
DE APPR.		350 SKIDTUBE ASSEMBLY	NTS
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040993**

Supplier: ATE003-VC
Atelier Debosselage
358 Principale
Calumet
QC
J0V 1B0 Canada
Phone: 819 242 5633

PO No: PO040993
PO Date: 9/12/18
Due Date: 9/14/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	178941	D350-636-011	Skidtube LH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float Comp. : TC STC SH99-7 Issue 2, FAA STC SR00646SE 15/10/28, EASA STC EASA.10033942 11/02/21, BRAZIL 2009S05-01 09/05/08	Firmed	-	9/14/18	1 pcs	0 pcs	1 pcs	\$225.00/pcs	\$225.00
	180084		1 X SEP 13 2018	Firmed	-	9/14/18	1 pcs	0 pcs	1 pcs	\$225.00/pcs	\$225.00
	181318		1 X SEP 13 2018	Firmed	-	9/14/18	1 pcs	0 pcs	1 pcs	\$225.00/pcs	\$225.00
	181317		1 X SEP 13 2018	Firmed	-	9/14/18	1 pcs	0 pcs	1 pcs	\$225.00/pcs	\$225.00
Sub Total:							4	0	4		\$900.00

2	181323	D350-636-012	Skidtube RH, Std Wearplates, DART (Apical) Cylindrical/Aerazur Float Comp. : TC STC SH99-7 Issue 2, FAA STC SR00646SE 15/10/28, EASA STC EASA.10033942 11/02/21, BRAZIL 2009S05-01 09/05/08	Firmed	-	9/14/18	1 pcs	0 pcs	1 pcs	\$250.00/pcs	\$250.00
	181324		1 X SEP 13 2018	Firmed	-	9/14/18	1 pcs	0 pcs	1 pcs	\$250.00/pcs	\$250.00
	178944		1 X SEP 13 2018	Firmed	-	9/14/18	1 pcs	0 pcs	1 pcs	\$250.00/pcs	\$250.00
	180133		1 X SEP 13 2018	Firmed	-	9/14/18	1 pcs	0 pcs	1 pcs	\$250.00/pcs	\$250.00
Sub Total:							4	0	4		\$1,000.00

Grand Total: \$1,900.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040993

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/12/18 10:01 AM dart.lavoie.chantal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

SUBCONTRACT SHIPPER

SUBCONTRACT SHIP TO

Ship To: Atelier Debosselage
358 Principale
Calumet, QC J0V 1B0 Canada
Phone: 819 242 5633 **Fax:**

SHIPPER

Shipper No: 612
Shipper Date: 9/12/18
Carrier: *
Ship Via:
Vehicle Reg:
Note:
Freight Terms:

Part Information

Part No: D350-636-011
Cust Part No: D350-636-011
Reference No:
Part Information Note: D2750-041 REV G SHEETS 1,2,4,8 IPP Rev:I
02.09.25 IPP Rev:J 06-03-23 As per Rev D IPP
Rev:K 06-07.13 As per dsi9343 IPP Rev:L 07-07-28
Added SS Wearplates(Rev E) JLM Verf:EC IPP
Rev:M 08-04-22 DD verified:EC IPP Rev:N 08-09-23
revF DD verified:ec IPP Rev:O 09-02-06 per PAR09-
010 DD verf:EC IPP Rev:P 10.06.22 revise seq110
DD verf:EC IPP Rev:Q 10.10.01 as per IIN revH
DDverf:EC IPP REV:R 13.08.27 PER ECN13-594 DD
VERF:JLM

Name: Skidtube LH, Std Wearplates, DART (Apical)
Cylindrical/Aerazur Float Comp.

Product Family: Landing Gear

Piece Weight: 0 lbs

Alloy Type:

Alloy - Temper: -

Description: TC STC SH99-7 Issue 2, FAA STC SR00646SE
15/10/28, EASA STC EASA.10033942 11/02/21,
BRAZIL 2009S05-01 09/05/08

Quantity:

Drawing No:

Program:

Program Customer:

Addl Docs:

Commercial: Product Line: Skidtube - Float w/ Standard
Wearplates
Primary OEM Application: Airbus
Manufacturer: DART
Sales Lead Time: 3.5 weeks
Business Segment: Replacement Parts
Advertised on web?: Yes
Shipping Dims & Weights: Metric: L3m x W0.36m x
H0.18m,Actual Weight of 27.22 kg
Shipping Dims & Weights: Imperial: L119" x W14" x
H7",Actual Weight of 60 lbs
Royalty Paid To: DAS USA Inc

OPERATION

Operation: Outsource - 205

Description:

Note:

DETAIL

Part	Operation	PO	Job	Container	Heat Code	Net Weight (lbs)	Gross Weight (lbs)	Quantity
D350-636-011 09/20/2017 LMC For Float Systems Under FAA STC SR00470La (AS350 Models) And SR00645LA (AS355 Models). Not Currently Compatible With 20331.101/102 Utility Floats. Contact Engineering For Custom Manufactured Undrilled Skidtubes. When Quoting Customers That Require PMA Approval, You	Outsource	PO040993	178941	S091968		0	0	1

9/12/2018

[Dart Hawkesbury] Subcontract Shipper - Lavoie, Chantal

Will Need To Quote The Customer With Lead Time
 Comment: Exworks Eugene, PMA Required. Hawkesbury Provides Lead Time. If Customer Sends Quote Request Or Po With -PMA, You Must Communicate With The Customer To Ask Them To Review The Part Number To D350-636-011. Oversized Item, Please Refer To Shipping Instructions.

D350-636-012

09/20/2017 LMC For Float Systems Under FAA STC SR00470LA (AS350 Models) And SR00645LA (AS355 Models). Not Currently Compatible With 20331.101/.102 Utility Floats. Contact Engineering For Custom Manufactured Undrilled Skid tubes. When Quoting Customers That Require PMA Approval, You Will Need To Quote The Customer With Lead Time
 Comment: Exworks Eugene, PMA Required. Hawkesbury Provides Lead Time. If Customer Sends Quote Request Or Po With -PMA, You Must Communicate With The Customer To Ask Them To Review The Part Number To D350-636-012. Oversized Item, Please Refer To Shipping Instructions.

Outsource**PO040993**

180084 S100693

0

0

1

181318 S100886

0

0

1

181317 S101001

0

0

1

180133 S099782

0

0

1

178944 S100104

0

0

1

181324 S100257

0

0

1

181323 S100443

0

0

1

Total**8****0****0****8**

Driver Signature

Customer Copy

Plex 9/12/18 10:18 AM dart.lavoie.chantal

DART

DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>CP</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9343	REV. A SHEET 1 OF 1
DATE 06.07.12	TITLE D350-636-011/-012 SPACER		SCALE NTS
A	06.07.12	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND DRAWING IIN-D350-636 REV. D

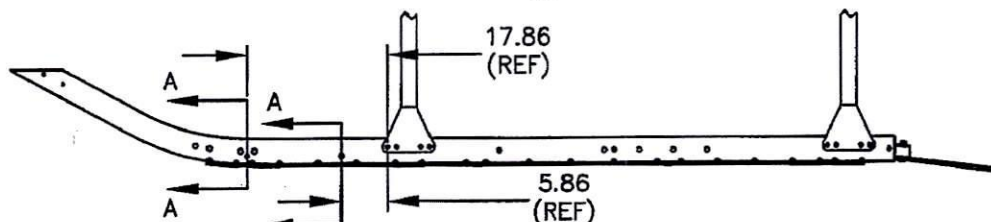
REF. FAA STC: SR00646SE

REF. CANADIAN STC: SH99-7

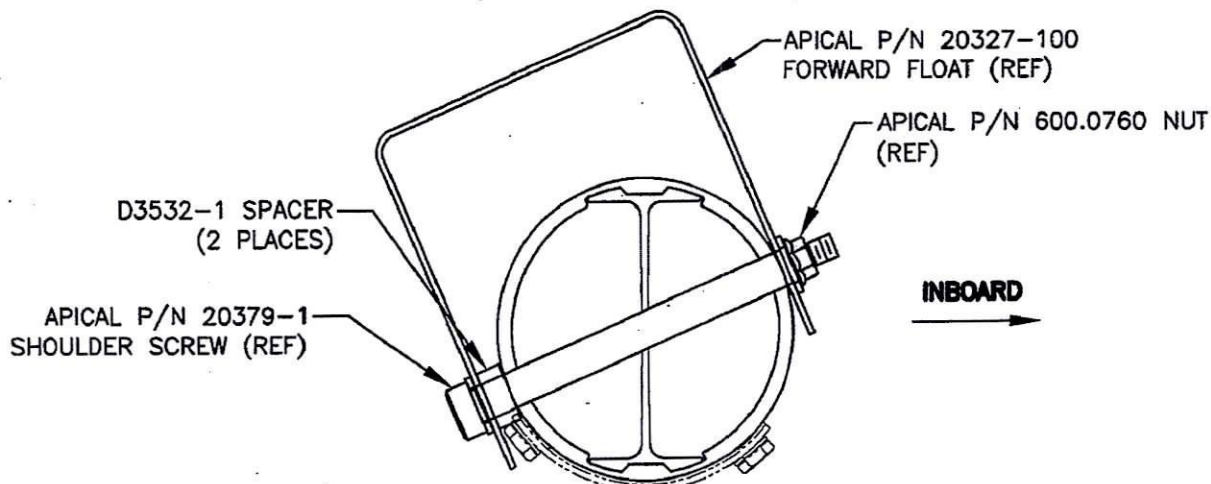
WHEN INSTALLING THE APICAL P/N 20327-100 FWD FLOATS ONTO THE DART D350-636-011/-012 SKIDTUBES, INSTALL THE DART D3532-1 SPACER AS SHOWN IN SECTION A-A TO ALLOW CLEARANCE FROM THE FWD WEARPLATES.

ADD THE FOLLOWING PARTS TO THE PARTS LIST ON PAGE 10 AND 11 OF IIN-D350-636 REV D:

Item	Qty -011	Qty -012	Qty -103	Qty -104	Part Number	Description
	X				D350-636-011	SKIDTUBE INSTALLATION, LH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
		X			D350-636-012	SKIDTUBE INSTALLATION, RH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
			X		D350-636-103	APICAL FLOAT CONVERSION KIT, LH
				X	D350-636-104	APICAL FLOAT CONVERSION KIT, RH
50	2	2	2	2	D3532-1	SPACER



DART D350-636-011/-012 SKIDTUBE
(LH SHOWN, RH OPPOSITE)



SECTION A-A: DART D350-636-011/-012 SKIDTUBE
(LH SHOWN, RH OPPOSITE)

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6.0 PARTS LIST

(D350-636-011/-012/-013/-014 SKIDTUBES AT CHANGE 004 OR LATER)

Item	Qty -011	Qty -012	Qty -013	Qty -014	Qty -045	Part Number	Description
	X					D350-636-011	SKIDTUBE INSTALLATION, LH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
		X				D350-636-012	SKIDTUBE INSTALLATION, RH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
			X			D350-636-013	SKIDTUBE INSTALLATION, LH AIRCRAISER/ APICAL TRI-BAG FLOAT COMPATIBLE
				X		D350-636-014	SKIDTUBE INSTALLATION, RH AIRCRAISER/ APICAL TRI-BAG FLOAT COMPATIBLE
					X	D350-636-045	WEARSHOE KIT
1	1					D2750-041	SKIDTUBE ASSEMBLY, LH
1		1				D2750-042	SKIDTUBE ASSEMBLY, RH
1			1			D2750-043	SKIDTUBE ASSEMBLY, LH
1				1		D2750-044	SKIDTUBE ASSEMBLY, RH
*1	1					D2750-1	SKIDTUBE WELDMENT, LH
*1		1				D2750-2	SKIDTUBE WELDMENT, RH
*1			1			D2750-3	SKIDTUBE WELDMENT, LH
*1				1		D2750-4	SKIDTUBE WELDMENT, RH
**2	8	8	8	8		350A41-1027-20	SCREW
**3	8	8	8	8		23119AG120LE	WASHER
**4	8	8	8	8		22541N120	NUT
*5	1	1	1	1		AN8C35A	BOLT
*6A	1	1	1	1		AN960C816L	WASHER
*7	1	1	1	1		MS21083C8	NUT
*8	1		1			D3488-041	BLADE FITTING, LH
*8		1		1		D3488-042	BLADE FITTING, RH
9	1	1	1	1		D2741	BLADE
10	2	2	2	2		AN8C21A	BOLT
11	2	2	2	2		AN960C816	WASHER (OR NAS1149DG862J)
12	2	2	2	2		MS21083C8	NUT
*14	4	4	4	4		AN6C44A	BOLT
*15	8	8	8	8		D2745	BUSHING
*16	4	4	4	4		MS21043-6	NUT
*17	8	8	8	8		D3631-1	WASHER
*18	4	4	4	4		ALS4-1032-225	INSERT
*19	4	4	4	4		AN3C6A	BOLT
*20A	4	4	4	4		AN960C10L	WASHER
*20B	4	4	4	4		NAS1515H3L	WASHER

(CONTINUED ON NEXT PAGE)

(CONTINUED FROM PREVIOUS PAGE)

Item	Qty -011	Qty -012	Qty -013	Qty -014	Qty -043	Part Number	Description
*20A	4	4	4	4		AN960C10L	WASHER (REPLACES AN960JD10)
*20B	4	4	4	4		NAS1515H3L	WASHER (REPLACES AN960JD10)
*22	5	5	5	5	5	D3537-1	WEARPAD (REPLACES D2648-3)
*23A	1	1	1	1	1	D3535-13	WEARSHOE (REPLACES D2656-13)
*23B	1	1	1	1	1	D3536-13	GASKET
*24A	1	1	1	1	1	D3535-25	WEARSHOE (REPLACES D2746)
*24B	1	1	1	1	1	D3536-25	GASKET
*25A	1	1	1	1	1	D3535-35	WEARSHOE (REPLACES D2656-35)
*25B	1	1	1	1	1	D3536-35	GASKET
*26A	38	38	38	38	38	AN3C5A	BOLT (REPLACES AN3-5A)
*26B	4	4	4	4	4	AN3C7A	BOLT (REPLACES AN3-7A)
*27	42	42	42	42	42	AN960C10L	WASHER (REPLACES AN960JD10)
*28	38	38	38	38		ALS4-1032-225	INSERT (REPLACES NAS1330S3KB166)
*30	8	8	8	8		D3492-041	PLUG ASSEMBLY
*31	8	8				D3492-043	PLUG ASSEMBLY
*32			8	8		D3492-045	PLUG ASSEMBLY
***43	2	2	2	2		D3493-1	WASHER
50	2	2				D3532-1	SPACER

* PART OF D2750-041/-042 OR D2750-043/-044 ASSEMBLY

** TO BE SUPPLIED BY CUSTOMER

*** ONLY INSTALLED IF INSTALLING AN APICAL FLOAT SYSTEM

5.0 PARTS LIST (D350-636-011/-012/-013/-014 SKIDTUBES AT CHANGE 003)

Item	Qty -011	Qty -012	Qty -013	Qty -014	Qty -043	Part Number	Description
	X					D350-636-011	SKIDTUBE INSTALLATION, LH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
		X				D350-636-012	SKIDTUBE INSTALLATION, RH, STD AERAZUR/APICAL CYLINDRICAL FLOAT COMPATIBLE
			X			D350-636-013	SKIDTUBE INSTALLATION, LH AIRCRAUSER/ APICAL TRI-BAG FLOAT COMPATIBLE
				X		D350-636-014	SKIDTUBE INSTALLATION, RH AIRCRAUSER/ APICAL TRI-BAG FLOAT COMPATIBLE
					X	D350-636-043	WEARSHOE KIT (REPLACES -041 KIT)
1	1					D2750-041	SKIDTUBE ASSEMBLY, LH
1		1				D2750-042	SKIDTUBE ASSEMBLY, RH
1			1			D2750-043	SKIDTUBE ASSEMBLY, LH
1				1		D2750-044	SKIDTUBE ASSEMBLY, RH
*1	1					D2750-1	SKIDTUBE WELDMENT, LH
*1		1				D2750-2	SKIDTUBE WELDMENT, RH
*1			1			D2750-3	SKIDTUBE WELDMENT, LH
*1				1		D2750-4	SKIDTUBE WELDMENT, RH
**2	8	8	8	8		350A41-1027-20	SCREW
**3	8	8	8	8		23118AG120LE	WASHER
**4	8	8	8	8		22541N120	NUT
*5	1	1	1	1		AN8C35A	BOLT (REPLACES AN8-35A)
*6A	2	2	2	2		AN960C816L	WASHER (REPLACES AN960JD816)
*6B	2	2	2	2		NAS1515H8L	WASHER
*7	1	1	1	1		MS21083C8	NUT (REPLACES MS21083N8)
*8	1		1			D3488-041	BLADE FITTING, LH (REPLACES D2742-1)
*8		1		1		D3488-042	BLADE FITTING, RH (REPLACES D2742-2)
9	1	1	1	1		D2741	BLADE
10	2	2	2	2		AN8C21A	BOLT (REPLACES AN8-16A)
11A	2	2	2	2		AN960C816L	WASHER (REPLACES AN960JD816)
11B	2	2	2	2		D3672-13	WASHER
12	2	2	2	2		MS21083C8	NUT (REPLACES MS21083N8)
*13	4	4	4	4		ALS4-1032-225	INSERT
*14	4	4	4	4		AN6C44A	BOLT (REPLACES AN6-44A)
*15	8	8	8	8		D2745	BUSHING
*16	4	4	4	4		MS21043-6	NUT (REPLACES MS21042L6)
*17	8	8	8	8		D3631-1	WASHER (REPLACES NAS1515H8L)
*18	4	4	4	4		ALS4-1032-225	INSERT (REPLACES NAS1330S3KB166)
*19	4	4	4	4		AN3C6A	BOLT (REPLACES AN3-6A)

(CONTINUED ON NEXT PAGE)